



WATER RESOURCES RESEARCH GRANT PROPOSAL

Title: Evaluation of Biocidal Polymers for the Treatment of Domestic Water Supplies:
Application of Polymers to the Surface of Carrier Particles

Duration: start- June 1 1997 finish - May 31, 1999

Federal Funds Requested: \$66,663

Non-Federal (matching) Funds Pledged: \$140,052

Principal Investigator:

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Congressional District: First

Statement of Critical Regional or State Water Problems

The need to provide economical, safe, and convenient biological treatment systems for drinking water supplies continues to be an important concern. The use of treatment chemicals such as chlorine, etc., is effective but can be expensive and is often inconvenient. This proposal addresses the evaluation of a new and novel way of treating water supplies using biocidal polymers. These polymers have demonstrated long term effectiveness in the treatment of bacteria, microorganisms and certain viruses in water supplies.